

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A display substrate accommodating tray, comprising:

a bottom section for mounting a display substrate thereon in a substantially horizontal fashion; and  
a frame for surrounding at least a part of the display substrate when the display substrate is mounted on the bottom section; and

an engaging section, extending from a side surface of said frame, to be engaged by a carrying mechanism for carrying the display substrate accommodating tray having the display substrate mounted thereon,

wherein a plurality of openings are formed in the bottom section through which a plurality of supporting members are to be inserted for, when the display substrate is mounted on the bottom section, raising the ~~mounted~~ display substrate above the bottom section.

2. (Original) A display substrate accommodating tray according to claim 1, wherein the frame is provided along a periphery of the bottom section and projects to a level higher than a level of a top surface of the bottom section.

3. (Original) A display substrate accommodating tray according to claim 1, wherein the frame has a positioning portion for determining the positional relationship between the display substrate accommodating tray and another display substrate accommodating tray which is to be stacked thereon.

4. (Canceled)

5. (Original) A display substrate accommodating tray according to claim 1, wherein the bottom section and the frame are integrally formed from a synthetic resin foam material.

6. (Currently Amended) An apparatus for removing a display substrate from a display substrate accommodating tray, the display substrate accommodating tray including:

a bottom section for mounting a display substrate thereon in a substantially horizontal fashion, with a plurality of openings being formed in the bottom section, and

a frame for surrounding at least a part of the display substrate when the display substrate is mounted on the bottom section,

the apparatus comprising:

a plurality of first supporting members for, ~~when~~while the display substrate is mounted on the bottom section, raising the ~~mounted~~ display substrate above the bottom section; and a second supporting member for supporting the display substrate accommodating tray as the display substrate is raised above the accommodating tray,

wherein the plurality of first supporting members raise the ~~mounted~~ display substrate by ~~moving upward relative to the display substrate accommodating tray and thus being inserted~~ into the plurality of openings respectively and penetrating through the bottom section and moving the display substrate upward from the display substrate accommodating tray.

7. (Original) An apparatus according to claim 6, wherein the plurality of first supporting members are inserted into the plurality of openings vertically.

8. (Currently Amended) A method for removing a display substrate from a display substrate accommodating tray, the display substrate accommodating tray including:

a bottom section for mounting ~~a~~the display substrate thereon in a substantially horizontal fashion, with a plurality of openings being formed in the bottom section, and

a frame for surrounding at least a part of the display substrate when the display substrate is mounted on the bottom section, and

an engaging section, extending from a side surface of said frame, to be engaged by a carrying mechanism for carrying the display substrate accommodating tray having the display substrate mounted thereon;

the method comprising the steps of:

when while the display substrate is mounted on the bottom section, engaging the display substrate accommodating tray at the engaging section by said carrying mechanism from above the accommodating tray and positioning the openings of the bottom section to be coincident with a position of a plurality of supporting members;

moving asaid plurality of supporting members upward relative to the display substrate accommodating tray, thereby inserting the plurality of supporting members into the plurality of openings respectively; and

raising the mounted display substrate above the bottom section by penetrating the plurality of supporting members through the accommodating tray.

9. (New) A display substrate accommodating tray, comprising:

a bottom section for mounting a display substrate thereon in a substantially horizontal fashion;

a frame for surrounding at least a part of the display substrate when the display substrate is mounted on the bottom section; and

an engaging section, extending from a side surface of the frame,

wherein a plurality of openings are formed in the bottom section.

10. (New) A display substrate accommodating tray according to claim 9, wherein the frame is provided along a periphery of the bottom section and projects to a level higher than a level of a top surface of the bottom section.

11. (New) A display substrate accommodating tray according to claim 9, wherein the frame has a positioning portion for determining the positional relationship between the display substrate accommodating tray and another display substrate accommodating tray which is to be stacked thereon.

12. (New) A display substrate accommodating tray according to claim 9, wherein the bottom section and the frame are integrally formed from a synthetic resin foam material.

13. (New) An apparatus according to claim 6, wherein an engaging section extends from a side surface of the frame.